

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ryuichi Kusanagi
Appl. No. : --
Filed : Concurrently herewith
For : COMMON RAIL

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

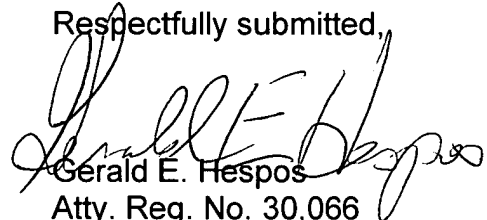
INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement includes two sheets of Form PTO-1449 that identify several prior U.S. patents and three Japanese references. These references generally relate to earlier work by the assignee of the subject invention in the field of common rails. The state-of-the art evidenced by these references is believed to be consistent with the state-of-the-art described in the subject application under the heading Description of the Related Art.

The Examiner is requested to consider these references during the examination and to make the references of record.

Respectfully submitted,



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Date: November 25, 2003

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. USUI-13R	SERIAL NO. --
	APPLICANT(S) Ryuichi Kusanagi	
	FILING Concurrently herewith	GROUP --

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,832,376	5-1989	Sugao			
	4,893,601	1-1990	Sugao			
	4,900,180	2-1990	Takikawa			
	5,120,084	6-1992	Hashimoto			
	5,143,410	9-1992	Takikawa			
	5,169,182	12-1992	Hashimoto			
	5,172,939	12-1992	Hashimoto			
	5,667,255	9-1997	Kato			
	5,887,910	3-1999	Usui			
	5,903,964	5-1999	Uematsu et al.			
	5,957,507	9-1999	Asada			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2-80289	1990	Japan				✓
	3-177693	1991	Japan				✓
	4-175462	1992	Japan				✓

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,979,945	11-1999	Hitachi et al.			
	5,992,904	11-1999	Hitachi et al.			
	6,050,611	4-2000	Asada			
	6,070,618	6-2000	Iwabuchi			
	6,126,208	10-2000	Asada et al.			
	6,397,881	6-2002	Asada et al.			
	6,408,826	6-2002	Asada et al.			
	6,415,768	7-2002	Usui			
	6,463,909	10-2002	Asada et al.			
	6,494,183	12-2002	Usui et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
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